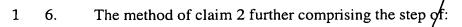
WHAT IS CLAIMED IS:

A method for context-aware computer management comprising the steps of:
assigning database information a plurality of clearance levels;

- assigning each smart badge within a set of visible smart badges one of the
- 4 clearance levels;
- 5 identifying smart badges having a lowest clearance level; and
- 6 providing access to database information having clearance levels no higher than
- 7 the lowest clearance level.
- 1 2. The method of claim 1 further comprising the step of:
- 2 updating the set of visible smart badges in response to a change in smart badge
- 3 visibility status.
- 1 3. The method of claim 2 further comprising the step of:
- 2 recalculating the lowest clearance level in response to the change in smart badge
- 3 visibility status.
- 1 4. The method of claim 2 further comprising the step of:
- 2 recording the smart badge visibility status of each smart badge within an activity
- 3 log.
- 1 5. The method of claim 1 wherein the providing step includes the step of:
- 2 providing access to the database information to smart badge wearers assigned to
- 3 the smart badges.



- 2 preventing access to the database when the smart padge visibility status is set to
- 3 invisible for a predetermined timeout.
- 1 7. The method of claim 1 further comprising the step of:
- writing data items to the smart badges.
- 1 8. The method of claim 7 further comprising the step of:
- 2 pre-reading the data item from the smart badge during idle periods.
- 1 9. The method of claim 1 further/comprising the step of
- defining a badge removal confidence level indicating whether each smart badge
- 3 has been continuously worn by corresponding assigned smart badge wearers.
- 1 10. The method of claim 1 further comprising the steps of:
- 2 assigning an expiration period to each of the smart badges; and
- de-authenticating and erasing all data stored on a smart badge whose expiration
- 4 period has been exceeded.
- 1 11. The method of ϕ laim 1 wherein the assigning each smart badge step includes the
- 2 step of:
- 3 configuring a predetermined smart badge visibility range.

A method for context-aware computer management comprising the steps of:

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visibility status.

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- 1 15. The computer-usable medium of claim 14 further comprising the step of:
- 2 recalculating the lowest clearance level in response to the change in smart badge
- 3 visibility status.
- 1 16. The computer-usable medium of claim 13 wherein the providing step includes the
- 2 step of:
- 3 providing access to the database information to smart badge wearers assigned to
- 4 the smart badges.
- 1 17. The computer-usable medium of claim/14 further comprising the step of:
- 2 preventing access to the database when the smart badge visibility status is set to
- 3 invisible for a predetermined timeout.
- 1 18. The computer-usable medium of claim 13 further comprising the step of
- defining a badge removal confidence level indicating whether each smart badge
- 3 has been continuously worn by corresponding assigned smart badge wearers.
- 1 19. The computer-visable medium of claim 13 further comprising the steps of:
- assigning an expiration period to each of the smart badges; and
- de-authenticating and erasing all data stored on a smart badge whose expiration
- 4 period has been exceeded.
- 1 20. A system for context-aware computer management comprising:

	2		means for assigning database information a plurality of clearance levels;	
	3		means for assigning each smart badge within a set of visible smart badges one of	
	4	the cle	earance levels;	
	5		means for identifying smart badges having a lowest clearance level;	
	6		means for providing access over the computer to database information having	
	7	cleara	nce levels no higher than the lowest clearance level;	
	8		means for updating the set of visible smart badges in response to a change in	
i.	9	smart	badge visibility status; and	
a tink tink	10		means for recalculating the lowest clearance level in response to the change in	
1	11	smart	badge visibility status.	
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N Name	1	21.	A system for context-aware computer management comprising:	
# ====================================	2		a database, including information differentiated by a plurality of clearance levels;	
իր գետի հնու ըս ի և կամ	3		a first beacon;	
.i.	4		a set of smart badges, in visible communication with the first beacon, each badge	
	5	assign	ed one of the clearance levels;	
	6	•	a system service module, coupled to the beacon, for identifying a lowest clearance	
	7	level a	ssigned to the smart badges and	
	8		a software application, coupled to the service module and the database, for	
	9	provid	providing access to information within the database having clearance levels no higher	
•	10	than th	ne lowest clearance level.	
	1	22.	The system of claim 21, wherein the first beacon includes:	
	2		a wide angle RF beacon.	

- 1 23. The system of claim 21, further comprising:
- a second diffuse IR beacon, coupled to the service module, limited to detecting
- 3 smart badges within a workroom.
- 1 24. The system of claim 21, wherein the smart badges include:
- 2 biometric sensors for detecting when a smart badge has been removed from an
- 3 assigned smart badge wearer.
- 1 25. The system of claim 21, wherein the service module defines a smart badge
- 2 visibility status, and recalculates the lowest clearance level in response to a change in the
- 3 visibility status.

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- 1 26. The system of claim 21, wherein the application logs smart badge wearers
- 2 assigned to visible smart badges onto a computer.